



DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR INTEL CORPORATION PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE

the speci	fication of which			
	X	is attached hereto.		
		was filed on		
			umber	
			ation Number	
		and was amended on	(if applicable)	•
		nd understand the contents of the		
used in the country be sale in the made the of Ameri	he United States of America before my invention thereof he United States of America e subject of an inventor's cer ica on an application filed by	I to above. I do not know and of before my invention thereof, or more than one year prior to more than one year prior to this tificate issued before the date of y me or my legal representative ign patent application) prior to	or patented or described in any this application, that the same is application, and that the inver- of this application in any count ites or assigns more than twelve	r printed publication in any was not in public use or on ention has not been patented or ry foreign to the United States
	rledge the duty to disclose al Regulations, Section 1.56.	ll information known to me to b	pe material to patentability as	defined in Title 37, Code of
patent or	inventor's certificate listed	its under Title 35, United State below and have also identified that of the application on whice	below any foreign application	f any foreign application(s) for for patent or inventor's
Prior For	reign Application(s):			
11101 1 01				
		•		
	APPLICATION	COUNTRY (OR	DATE OF FILING	PRIORITY CLAIMED
	NUMBER	INDICATE IF PCT)	(day, month, year)	UNDER 37 USC 119
				☐ No ☐ Yes
				□ No □ Yes

APPLICATION

NUMBER

FILING DATE

IJ

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED, PENDING, ABANDONED)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Howard A. Skaist, Reg. No. 36,008, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

(Name of Attorney or Agent)

12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and direct telephone calls to:

Howard A. Skaist, (503) 684-6200.

(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of So	le/First Inventor (given name, family name)	Tinku	Acharya
Inventor's Signat	ture	Date	
Residence Change	dler, Arizona USA (City, State)	Citizenship	India (Country)
Mailing Address	4840 W. Erie Street		
	Chandler, Arizona 85226 USA		





Full Name of Second/Joint Inventor (given name, family name)

Inventor's Signature	Date	
Residence (City, State)	Citizenship	(Country)
(City , State)		(Country)
Mailing Address		
Full Name of Third/Joint Inventor (given name, family name)		
Inventor's Signature	Date	
Residence	Citizenship	(Country)
(City, State)	_	(Country)
Mailing Address		
Mailing Address		
		<u> </u>
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature		
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date	
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship	
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature Residence (City, State)	Date Citizenship	
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship	
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship	
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship	(Country)
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature Residence (City, State) Mailing Address	Date Citizenship	(Country)
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship	(Country)
Full Name of Fourth/Joint Inventor (given name, family name) Inventor's Signature	Date Citizenship Date	(Country)

Full Name of Sixth/Joint Inventor (given name, family name)	Date
Inventor's Signature	
Residence (City, State)	Citizenship (Country)
Mailing Address	
Full Name of Seventh/Joint Inventor (given name, family name)	
Full Name of Seventn/Johnt Inventor	Date
Inventor's Signature	Citizenship (Country)
Residence (City, State)	(00,110)
Mailing Address	
Full Name of Eighth/Joint Inventor (given name, family name)	
#	Citizenship
Inventor's Signature	(Country)
Mailing Address	
•	
Full Name of Ninth/Joint Inventor (given name, family name)	
Inventor's Signature	
Residence (City, State)	Citizensinp
Mailing Address	





Full Name of Tenth/Joint Inventor (given name, family name) Date ____ Inventor's Signature Citizenship ____ Residence (City, State) P. O. Address Full Name of Eleventh/Joint Inventor (given name, family name) Date _____ Inventor's Signature Citizenship Residence (City, State) Mailing Address Ü ľŪ



APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. P46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Justin M. Dillon, Reg. No. 42,486; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George B. Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Julio Loza, Reg. No. P47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. P45,750; Michael A. Proksch, Reg. No. 43,021; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; George Simion, Reg. No. P47,089; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Raul Martinez, Reg. No. 46,904, my patent agents; of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Robert D. Anderson, Reg. No. 33,826; Joseph R. Bond, Reg. No. 36,458; Richard C. Calderwood, Reg. No. 35,468; Paul W. Churilla, Reg. No. P47,495; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Sean Fitzgerald, Reg. No. 32,027; John N. Greaves, Reg. No. 40,362; John F. Kacvinsky, Reg No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Naomi Obinata, Reg. No. 39,320; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart, Reg. No. 33,555; Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; Steven D. Yates, Reg. No. U 42,242, and Charles K. Young, Reg. No. 39,435; my patent attorneys, Thomas Raleigh Lane, Reg. No. 42,781; Calvin E. IJ Wells; Reg. No. P43,256, Peter Lam, Reg. No. 44,855; Michael J. Nesheiwat, Reg. No. P47,819; and Gene I. Su, Reg. No. 45,140; my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

٠D

ľŌ

Ш

IJ

ιŪ

Ö